Ribonuclease HII (rnhB) Rhizobium Loti Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ribonuclease HII (rnhB), Recombinant Protein
Full Product Name	Recombinant Rhizobium loti Ribonuclease HII (rnhB)
Product Gene Name	rnhB recombinant protein
Product Synonym Gene Name	rnhB
Sequence	MARARSDSPL LFEIVEKPDF SFETKAMADG LWPVAGMDEA GRGPLAGPVV AAAVVLDPAN IPEGLDDSKR LSHFQREALF LRILGSAQAV SMASISAEGI DGSNILKASL EAMRRALVGL SVRPKLALAD GRDVPPGLPC DGRALIKGDQ RSQSIAAASI VAKVMRDRMM CGCGSHHDRY GFEVHMGYAT ARHRTAIETH GPVARLHRVS FAPFRLGGTE VVEEESLAGL D
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	24,625 Da
Sequence Positions	1-231, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q986D0
Species	Rhizobium loti (strain MAFF303099) (Mesorhizobium loti)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rnhB recombinant protein	MBS1329141 is a recombinant protein targeting rnhB. Also known as Recombinant Rhizobium loti Ribonuclease HII (rnhB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rnhB recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for rnhB. It may not necessarily be applicable to this product.

NCBI GI #	499217290
NCBI Accession #	WP_010914830.1
UniProt Primary Accession #	Q986D0
GenBank Nucleotide #	WP_010914830.1
NCBI Official Full Name	ribonuclease HII

UniProt Protein Name	Ribonuclease HII
Protein Family	Ribonuclease
UniProt Gene Name	rnhB
UniProt Synonym Gene Names	RNase HII
UniProt Comments for rnhB	Endonuclease that specifically degrades the RNA of RNA-DNA hybrids.
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